

Chasing Corals Video Questions

1. Where do much of the seafood we eat begin life?
2. A big issue with publicizing the plight of our oceans is that it is completely out of _____ and out of _____.
3. What do our oceans control?
4. What is the name of the project designed to reveal the oceans to the world?
5. Researchers in charge of this project realized what about their project? What was it failing to do?
6. How much *Acropora palmata* remains in the Florida Keys?
7. We have lost what percentage of corals overall in Florida?
8. A coral is made up of thousands of small structures called _____.
9. What lives inside the tissues of the polyp animal?
10. What is the function of these cells that live inside the polyp?
11. A coral is called a _____ species.
12. What was the only thing researchers could find that could cause corals to turn white?
13. Why does a coral bleach?
14. What were the researchers' hypothesis regarding communicating coral bleaching?
15. The researchers first attempt at documenting the reef relied on underwater _____.
16. What is symbiosis?
17. Describe the symbiotic relationship between an anemone and a clownfish.
18. Name some key coral reef building species?

19. How are corals similar to humans?
20. Can you explain how a coral reef is like a city?
21. How many people rely on coral reefs as their main source of food?
22. What drugs come from the sea?
23. What was wrong with the pictures?
24. As a solution to their problem, what did the researchers try?
25. What is the largest structure ever made by life on earth?
26. What are the researchers doing in Keppel and Heron Islands?
27. Coral bleaching is a phenomenon directly attributed to _____.
28. What evidence can scientists show us that this is a recent phenomenon and not a natural fluctuation?
29. What do corals have in common with trees?
30. What is driving global climate change?
31. What has diminished the effects of global warming on land?
32. Carbon dioxide is produced by _____.
33. Carbon dioxide traps _____.
34. What percentage of heat trapped by our atmosphere is transferred to the oceans?
35. Trying to capture footage, our researchers ran into another problem. What was it?
36. Where do they head next?
37. Due to time constraints, the researchers must abandon their underwater camera stations. What will they do instead?

38. How hot is the temperature of the water by Lizard Island?
39. What was their data?
40. What were the corals in New Caledonia doing? Why were they doing this?
41. The collapse of the corals leads to extinction at what taxonomic level? Species, Genus, Family, Order, Classes, Phylum, Kingdom.
42. In how many years will the oceans become too warm for coral reefs to survive?
43. If we can't save this ecosystem will we have the _____ to save the next ecosystem down the line?
44. What were the researchers results?
45. What percentage of corals on the Great Barrier Reef died in 2016?
46. This bleaching event can be compared to losing most of the trees between _____ and _____.
47. We can not stop global climate change but we can _____ the rate at which the climate is changing.
48. Was the United States listed as a country that has committed to be powered by clean energy as of May 2017?
49. Has your city committed to being powered by clean energy?
50. Check out www.chasingcoral.com and <https://www.google.com/maps/about/behind-the-scenes/streetview/treks/oceans/>